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the avion

The award winning newspaper of college aviation

Embry-Riddle Aeronautical University

volume 32

Wednesday/9 May 1979

orientation issue



Spirits Soar At E-RAU



As Activities Abound

The E-RAU Spring Trimester ended with a bang - certainly not with a whimper. The Spring Fling, Greek Week games, softball, baseball, soccer, and swimming pool activities caused everyone who wanted entertainment, plenty to do.

Greek Games were provided for all fraternities on campus in a week-long period of fun and friendly competition with Delta Chi winning the overall honors. Spring Fling brought Spyra Gyro, Delbert McClinton and Bobby Kelton with rhythm and laughter. Sports filled many days with excitement and no one could complain about nothing to do.



editorial

Hello - and Welcome to Embury-Riddle! If you're a continuing student, welcome back. My name is Ed Milner, newly elected editor to the AVION Newspaper. Throughout the summer the AVION will be published every 2 weeks. I would like to take this opportunity to encourage your participation on the AVION staff. We desperately need writers, photographers, ad salesmen, layout artists, and more.

We have recently expanded our darkroom to enable us to develop color film; we need qualified photographers!

In order to encourage your support, the AVION will be throwing a Get-Acquainted Re-

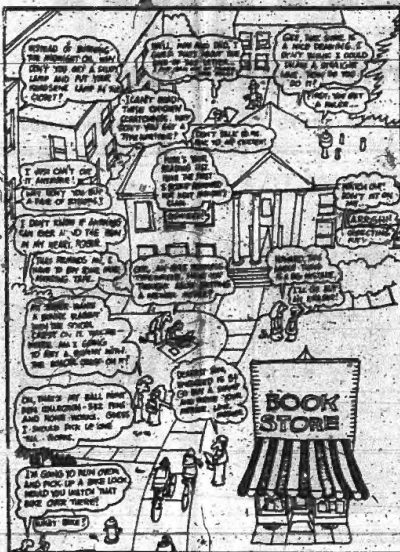
cruising Party in the AVION Office (2nd Floor U.C.) Wednesday, May 9 at 7:00 p.m. Refreshments and beer will be served. All interested students are welcome to come.

There are many rewards to being on the AVION Staff. You'll receive a press card and a certificate of recognition for your service.

Last Spring Trimester, the AVION Staff enjoyed numerous dinners at some of Daytona's finest restaurants. We also took an all expense paid trip to Disney World and had a wonderful time. Our layout staff enjoyed several nights of Pizza and Beer after preparing the paper for publication.

If you have any questions, or would like to help in any way, come by the AVION office, meet our friendly staff, and get in on the fun!

Looking forward to meeting you.



Presidents Corner

Khosh Amida
Jo Rapot: Eranvank
Bierrenvidow
Abian Ma Sahlan
WELCOME!!
Dave Wiepert
SGA President

That's five ways of saying "welcome". I figured you were sick of that word by now, so I threw some spice in. (Don't ask me to pronounce them!)

Well here you are, ambitious, energetic, raring to go! Embury-Riddle has a great deal to offer, and you have a lot to receive from your stay here, whether it be for only one year, or four years. Your Student Government Association (SGA), plays a vital role here, and helps to make your stay as pleasant as possible.

One question that arises with each new class is "where does my money go?!!!" The Student Government monies only involve the \$11 SGA fee - not 1 REPEAT - not the \$50 student service fee. The Student Service Fee is applied toward counseling, health services, student activities, and the retirement of the HUD loan on the University Center.

That \$11 you pay, goes to a variety of areas. All concerts, movies, and "special" events are free to the students. The biweekly paper (it's printed weekly during the fall and spring) and also the yearbook are covered. WERU, or as it is referred to very often as Riddle Radio, comes under the SGA also. These functions, and your \$11 will be wasted if you don't take advantage of them. Fortunately, most do take advantage.

You'll find me flapping my jaws, and writing many articles until I'm blue in the face stressing involvement and support of YOUR SGA and E-RAU. Without your support the SGA might as well be defunct. By involvement, I am not speaking specifically about the SGA. You are here because you chose aviation. You can now add what you want. If you like to jump out of airplanes, get into the parachute club, if you like management, join the management club. There's a club for nearly every

interest, (around 30), including many fraternal organizations. Intramural sports are big, also. Nearly 1/3 of the students are into that. Involvement in anyway, inside or out of the University helps you and helps us make our lives that much better.

I would like to close with a poem entitled "The Man in the Glass", by an author unknown. Mr. Frank Jameson used this poem as his closing to his commencement address to the Spring graduates.

THE MAN IN THE GLASS

Author unknown
When you get what you want in your struggle for self, and the world makes you king for a day, just go to a mirror and look at yourself, and see what that man has to say.

For it isn't your father or mother or wife, whose judgment upon you must pass, the fellow whose verdict counts most in your life, is the one staring back from the glass.

You may be like Jack Horner and chisel a plum, and think you're a wonderful guy, but the man in the glass says you're only a bum; if you can't look him straight in the eye.

He's the fellow to please - never mind all the rest, for he's with you clear up to the end, and you've passed your most dangerous, difficult test, if the man in the glass is your friend.

You may fool the whole world down the pathway of years, and get pats on the back as you pass, but your final reward will be heartaches and tears, if you've cheated the man in the glass.

E-RAU HOUSING...

Students can expect changes

By Debbie Rizzo
Avion Reporter

In order to better serve the housing needs of students both on campus and off campus, the housing department is now in the process of implementing new policies for the Fall '79 trimester.

Such new policies include a standardized price for both Dorms I and II (\$10); the elimination of dorm head residents with the hiring of three new housing directors (one for each campus housing facility); an expanded off-campus housing program; a revised deposit and contract system; a computerized system for the inside workings of the housing department; and finally, the movement of the Housing adminis-

trator to Dormitory II.

As far as the new housing directors, they were hired basically to provide for greater accessibility of the housing directors to students.

To aid students who choose off-campus housing for the fall, the housing department will provide a rental listing service, tenant-landlord counselling, and an information packet. This packet will include such things as a map of Daytona, a handbook on landlord tenant law and a transportation alternative brochure.

With regards to the housing deposit, a student will make only one housing deposit of \$95. During the time that the student is in university housing this amount remains on his/her account. If for any reason the student must pay a damage fee, this amount will be deducted from the original deposit. The student must then pay back to his account the amount deducted.

Contracts are issued as a lease with a one year duration. The student can be released from the contract with a verifiable unexpected circumstance and letter of request for release. This release will, of course, depend on the occupancy level at that particular time. Students should be aware that unless they are released from the contract they are still bound to it.

The fact that the housing department is now computerized will provide for faster processing of students.

To provide better service for the student, the Housing Administrator will be located in Dorm II. This will aid those students who do not have transportation.

Finally, those persons who work within the Housing Department include Bob Van Riper, assistant Dean of Students; Laurie Tomczak, Housing Administrator; Eric Gruber, Off-Campus Housing Coordinator; Steve Rice, Resident Director of Apartment Complex; and the other directors to be announced.

With these new policies and procedures it appears that the fall trimester should run smoothly for the Housing Department and all students involved.

E-RAU Board of Visitors sponsor 's a 'Hanger Sale'

"A hanger sale is bigger than a garage sale," according to Mr. Robert Whiteside, Chairman of the Board of Visitors for E-RAU, "therefore we need more items, hundreds more, if our Second Annual Hanger Sale is going to be as successful as the one last year." Hundreds of people were on hand opening day last year to browse through the hundreds of items donated by friends of the University.

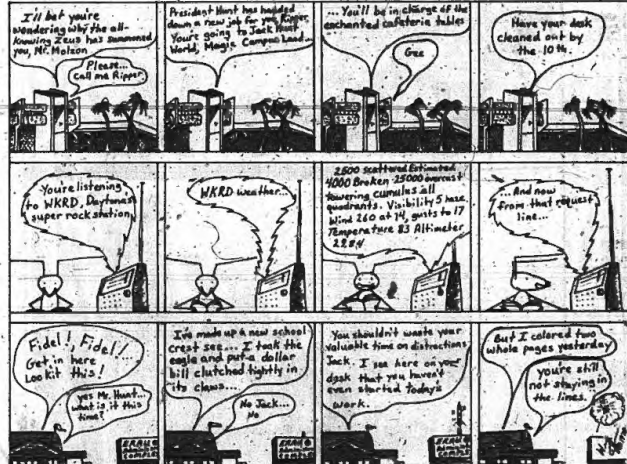
"Although the Hanger Sale isn't scheduled until Saturday,

May 19 and Sunday, May 20, we are starting our collection of items immediately," Whiteside said. "We can use almost that's clean or workable and all donations are tax deductible." Items should be marked, labeled and taken to the Shipping and Receiving Department at E-RAU which is located just off the street leading to the Airport Terminal. If the item is too large for the donor to handle, a phone call to 252-5561, Ext. 333 will bring an E-RAU truck to pick it up. All donors will receive receipts for income tax purposes.

"A Dutch Auction will be held on some of the larger items," said Whiteside. "Bidders can look over the item, leave their bid in a sealed envelope and well phone the highest bidder after the envelopes are opened." Members of the Board of Visitors are contacting their friends for donations of even larger items than were available last year. The cut off date for donations is Wednesday, May 16, 1979 with the Hanger Sale from 9:00 a.m. to 4:00 p.m. on Saturday May 19 and from 11 a.m. until 4 p.m. on Sunday, May 20.

Klyde Morris

was also a writer



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E-RAU Graduation

206 Dreams come true

By Kevin Keenan

On Saturday, April 21, the hopes and dreams of 206 Embry-Riddle students were finally realized in the form of the Spring Graduation ceremony. More than a few of these students had felt during their college careers that this day would always be just a figment of their imagination. The smiles, however, and the sighs of relief showed that the reality of it all was sinking in.

The Senior Class held its Graduation Banquet at the Treasure Island Inn on the night before the ceremony. After a fine buffet dinner, the Senior Class Appreciation Awards were presented. These awards are voted upon by each graduating senior for the faculty member most deserving recognition. Senior Class President Sandra Markman presented this trimester's awards to

Dr. John P. Wheeler, of the College of Aeronautical Studies, and Mr. Leslie L. Kumpula, of the College of Aviation Technology.

Certificates were also presented at the Banquet for the men and women of E-RAU to be listed in Who's Who Among Students in American Universities and Colleges. These were: Ronald K. Ingensoll, John J. Engberg, Jr., Sandra L. Markman, Allan D. Matzer, David A. Sheldahl, David B. Waldman, Cynthia M. Lemmah, Howard K. Less, William E. O'Connor, Stephen J. Rice,

Joseph E. Obi, Wade L. Young, Osvaldo R. Alfert, Kim B. Hershberger, Gustavo G. Ordonez, and James B. Terrell. These students were selected on a competitive basis of high academic standing, extracurricular accomplishments, character and leadership.

The Board of Visitors Student Leadership Award was presented to Osvaldo R. Alfert. Alfert is a Cum Laude graduate in Aeronautical Engineering.



The President of Sigma Phi Delta, Vice President of American Institute of Astronautics and Aeronautics, and a ROTC navigator candidate. The Graduation Ceremony

on Saturday featured Frank Gard Jameson as guest speaker. Jameson, head, Glenair, Inc. of Los Angeles, has held high management positions

talents. "There are more opportunities for air-minded people," he said, "than ever before in history." Following his address, Jameson was presented an Honorary Doctor of Aviation Management Degree by E-RAU President Jack Hunt and Board of Trustees member Mr. Cloyce Tippet.

Pres. Hunt also presented the President's Award for Academic Achievement and Leadership to John J. Engberg, Jr., Magna Cum Laude, and Gustavo G. Ordonez, Magna Cum Laude. Other Honor Graduates were: Cum Laude: Richard Belotti, Joseph G. Hansen, William S. Hume, Thomas J. Majone, William E. Morrell, III, and Nelson Sclari; Magna Cum Laude: Richard D. Frymoyer, Benjamin J. Landry, John E. Phipps, and David N. Sowerby.

Alan David Walker held the distinction of graduating

with the highest honors, Summa Cum Laude.

Not everyone in the ceremony that day received a special honor. That is what gives those awards their value. The ceremony itself was an award, however, a recognition of years of work and sacrifice on the part of each person who walked across the stage. Each knew that he was now somewhat different than before. Each one had proven to the world and to themselves that they could earn these degrees.

After Dr. Wheeler had given the final benediction, the Graduation Ceremony ended. The people in robes and square hats began walking out, but each had left something behind. Each had left a part of himself as an impression on this university and each had absorbed some of the university into himself. Each one was now an Embry-Riddle graduate.

SPACE SHUTTLE

Enterprise rolled onto launch pad

KENNEDY SPACE CENTER, Fla. — The Space Shuttle Orbiter Enterprise was rolled out to Complex 39's Pad A at 8 a.m. EDT on May 4 as part of an exercise designed to help clear the way for the launch of its sister ship Columbia.

It will be the first time that the complete Space Shuttle configuration has been assembled in the Vehicle Assembly Building and moved to the launch pad.

A 15-story, tall external tank was mated with two inert solid rocket boosters on a Mobile Launcher Platform in High Bay 3 on April 17.

The Enterprise was delivered to KSC's Shuttle Landing Facility from the Marshall Space Flight Center in Huntsville, Ala., by NASA's 747 Shuttle Carrier Aircraft on April 10. It was viewed by more than 75,000 visitors before being moved down the two-mile-long towway to the VAB on April 17. The Enterprise was moved into the transfer aisle which transmits the VAB on April 18.

The delta-winged orbiter was hoisted from the horizontal to the vertical position and was then lifted 190 feet above the floor of the transfer aisle before being swung over a transverse beam and then lowered gently onto the deck of the Mobile Launcher Platform in High Bay 3 for mating with the external tank.

The entire Space Shuttle vehicle and Mobile Launcher Platform will undergo vibration testing in the VAB prior to the move to the pad.

The massive, six-million-pound transport moved the 8,633-million-pound Mobile Launcher Platform and 2,838-million-pound Space Shuttle vehicle the three and one-half mile distance to the pad at speeds ranging from one-half to 1 mile per hour.

The Enterprise will remain at Pad A until the first week of June. Pad A, used for the launch of the Saturn V rockets for all of the Apollo lunar missions with the exception of Apollo 10, has been extensively modified for its new role in the Space Shuttle program.

The purpose of the operation used the Enterprise is to make certain that shuttle elements are compatible with the Spaceport's assembly and launch facilities and ground support equipment, verify procedures, and provide training for space center personnel in handling the hardware designed to make space operations more routine and economical in the 1980's.

The Columbia, the first Space Shuttle orbiter to be flown into space, arrived at KSC on March 24 and is now

undergoing checkout, completion of the installation of the tiles of its thermal protection system and installation of other flight systems in the Orbiter Processing Facility, a sophisticated aircraft hangar-like structure to the west of the VAB.

The conduct of the operation with the Enterprise in parallel with work now underway on Columbia will complete most facility validation requirements before Columbia enters its launch processing flow.

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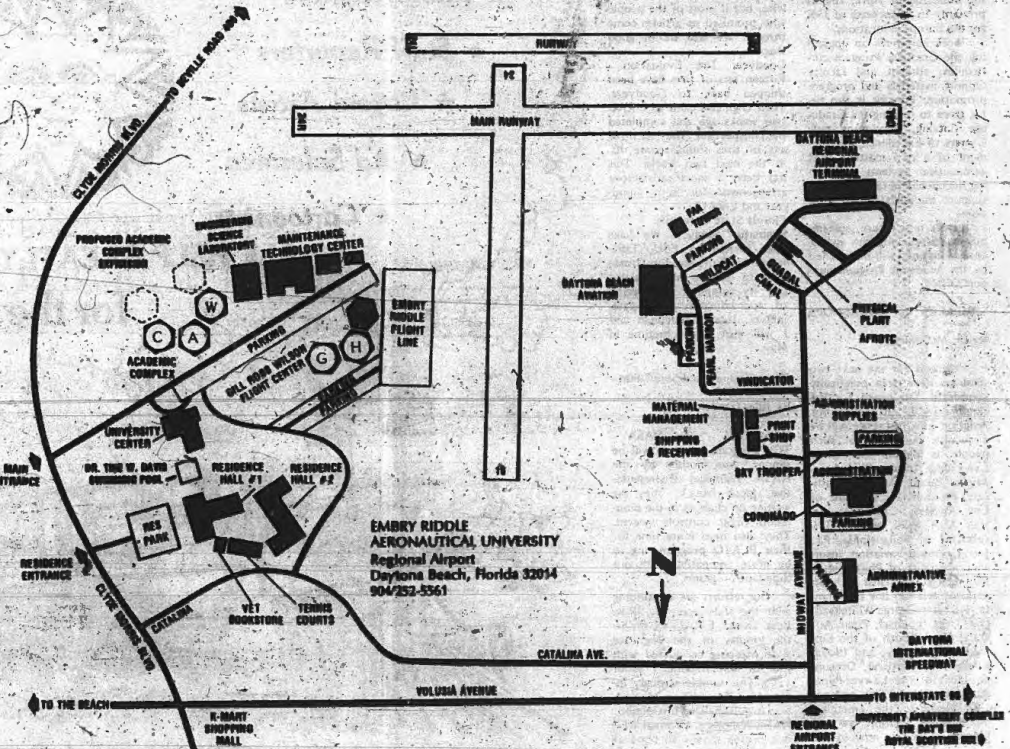
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Continuing Education...

Growth in many departments and programs, continues

INDEPENDENT STUDY PROGRAM

By Tom Wilson

A standardized format has been adopted for use in preparation of the Course Outline and Study Guide, to be developed for each course identified for use in the Independent Study Program. The Course Outline and Study Guide format supports the SQ3R learning theory which is an integral part of the program. Each course will consist of 15 lessons - an introductory lesson, 13 subject lessons, and a summary lesson. Briefings and discussions have been conducted with four Aviation Management and five Aeronautical Science faculty who have expressed interest in preparing courses for use in the program.

GRADUATE STUDIES

By Bruce Mörrin

The on-campus graduate program continues to grow with approximately 12 new students expected to register for classes during the summer terms. Total enrollments for the summer term should equal or exceed those of the preceding spring term.

Advanced flight programs leading to the Boeing 727 Flight Engineer license and Cessna Citation Type rating are now realizing an increase in enrollments. A significant increase in inquiries about these programs has also been noted.

The end of Term B will conclude the first year of full program offerings on campus and will see our first "home grown" graduates. Five to seven

Daytona Beach students will be awarded Master's degrees at the August graduation ceremonies.

Off-campus locations showed an overall increase in graduate enrollments for terms starting in March or April, thanks primarily to an increase of 35% for the European locations.

Work continues on upgrading the Graduate Program curriculum, student and faculty support materials and program promotion. Priority is also being given to revising the Graduate Catalog, developing new Centers of Excellence, development of a new master's level aeronautical systems engineering degree and obtaining library support materials for all locations.

In the near future, on-campus graduate admissions and records functions will be handled by the Academic Program Support Office.

SEMINARS & WORKSHOPS

By Dr. McCollier

Programs for the next two seminars have been practically completed. On board for the October 18, 19, 20 seminar for Aviation Law/Insurance will be a faculty consisting of such people as Mahum Litt, Chief Law Judge of the Civil Aeronautics Board; Daniel C. Cathcart, aviation law specialist of Los Angeles, California; Arthur Alan Wolf, aviation law specialist of Philadelphia, Pa.; Jay Lavenson, aviation insurance specialist of Philadelphia; Rod Marjo, specialist in international aviation law of Atlanta, Georgia; George Whitehead, chief legal counsel, Piper Aircraft; Chad Booth, of the Embry-Riddle faculty; and Lloyd Ericsson of Portland, Oregon, president of the Lawyer-Pilots Bar Association. This seminar will investigate the emerging problems of aviation law and insurance. We are now in the

process of arranging with the Florida Bar Association for the granting of CLE's. NOTE: Local attorney, John Tamm, has been of immense value in planning this program.

Our second seminar on November 1 and 2 is designed for Aviation Writers and Public Relations professionals. This should be an exciting program featuring the editors of the nation's leading aviation magazines such as FLYING, GENERAL AVIATION-NEWS, PRIVATE PILOT, and AERO. Also, Mr. Jay Durfee, publisher of FLY-

ING magazine will be here, along with Dan Button, editor of Science Digest, Mr. Ferde Frofe, Jr., award-winning motion picture producer of aviation films. Two special guests will also be here. One is Mr. Robert Serling, author of WINGS and THE PRESIDENT'S PLANE IS MISSING. The other is Mr. John Meyer, Director of Communications for GAMA. Mr. Meyer was formerly the CBS correspondent for Washington, D.C. Hopefully, Senator Howard Cannon of Nevada, Chairman of the Committee on Commerce, Science, and Transportation of the Federal government will be a keynote speaker. Already, national periodicals such as GENERAL AVIATION NEWS has pledged free publicity for the seminar.

AVIATION RESEARCH CENTER

By Pete Denlea

PRODUCT EVALUATION

Arc Radio Corporation: Mr. Guffy of ARC visited us last week and has asked us to put our program for him on the FRONT BURNER!!

1979 Research Journal - It looks like we will have the right number of articles and the quality we want for the 179 Journal. As always, it is a little shaky as we come down to the wire, but if most of the people who promised us articles come through we will be in good shape.

Goodyear Tire Evaluation - Fifteen sets of tires have been shipped back to Goodyear. Their engineers came to ERAU two weeks ago and completed their inspection. The last three sets of tires should come off in the next two weeks. This has been a most satisfactory arrangement for both Goodyear and ERAU.

Florida State University Simulator Study - We have been invited to FSU, Tallahassee by Professor Joe Grosslight to observe his simulator and its computer monitoring of approximately nine parameters. Jules Gandelman and I will visit him sometime in May.

Flight-Training and Simulation

By Jules Gandelman

NASA-TCV - The NASA-TCV program schedule will be shipped two months by the NASA Technical Representative, Jacob Houck. They are waiting on changes to the simulation flight controls system. They also need more time for their PLATO programming to be more compatible with our slide-tape programs.

Our efforts are continuing with the slide-tapes. Dr. Ron Boss visited ERAU to review the results of the cognitive style mapping conducted with the AS 404 students (about 120). This sample strongly indicated a favorable predisposition to personalized instruction. NASA-Wallops - A formal RFP is expected shortly to conduct

an evaluation of the in-flight simulator. They were very pleased with our first proposal and are anxious to get the project started.

FAA-NAFEC - The human factors proposal was submitted with significant changes and improvements. I am optimistic about our chances of getting this contract.

FAA-ATS PROJECT - The Automated Traffic Services (ATS) RFP is expected to be released before summer. A team of Georgia Tech and ERAU is being discussed. The initial phases of this project require extensive systems engineering work. Our initial contribution would be to provide operational inputs to the engineering

studies. This project, if successful, would have significant impact on the ATC and safety problems associated with uncontrolled airports.

PLATO - We are not back to the programming of the multi-engine course. Student assistants are being interviewed for this effort.

I would like again to en-

courage faculty members from all departments to stop by and sample some of the courses already developed by CDC, other schools, and the airlines. There are many lessons in the area of physics, mathematics, chemistry, and English (a typing course is also available).

Upward Bound, to State Capital

County school buses provided transportation for the students while they were in Tallahassee.

Upward Bound is a federal program designed to motivate high school students to

continue on to post secondary education. Now in its fifth year, under the leadership of Director Herman V. Duh, the Upward Bound Program has assisted 137 deserving students to enter college who would not have been able to do so without the aid of the program.

Students are recruited for the Upward Bound Program from junior and senior high schools in the Daytona Beach area. To be admitted to the program students must qualify under the guidelines established by the Department of HEW in Washington, D.C.

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